The Brand of Excellence

ada audio design associates®

3.0 Decades

System 5600 Circa 1983

ADA's first generation systems are still fully operational. Many have been upgraded with new digital components.

System 56 Circa 1985

Beginning in 1977, ADA systems have enhanced the homes that they have graced. Often finished in custom jeweler rack-plates and flanked by the works of the grand masters, ADA systems have become contemporary works of art. In addition to their beauty, most of these vintage ADA systems are still fully operational and now integrate the latest digital technologies.

And while today's ADA systems are more compact and less expensive than their predecessors (although they can still be had in polished brass or chrome) they embody ADA's heritage of quality, sound, durability and obsolescent-free, timeless-technology. There is nothing else like an ADA.

Hand-crafted with pride in the United States of America

In celebration of our thirtieth-year of manufacturing custom-installed audio components, we are proud to introduce ADA-30, a revolutionary 30-year limited warranty. ADA-30 is born from the fact that we already maintain a reserve inventory of brand-new components for most every system we have ever sold (System 10, System 56, System Omega, Delta, Millennium). From our standpoint, sustaining the reserve inventory moving forward is easy because we rarely have to pull products from it.

ADA-30 also celebrates America. Today, just as we did 30-years ago, all of our products are proudly assembled here in the United States, under the careful supervision of Albert Langella, ADA's Chief Design Engineer, CEO and President. ADA products combine the highest quality internal parts with award-winning designs. The end-result is a bevy of components that deliver superior performance across the board.

ada30

ADA-30 promotes today's growing "green movement" and raises awareness of ADA's support of the environment and the call for a reduction of pollutants. ADA components are now manufactured with lead-free parts and soldiering techniques. As an industry leader, these ADA products also adhere to the European Union's RoHS initiatives (Restriction of certain Hazardous Substances). California is in the process of adopting several of the RoHS protocols and we applaud the other states that are currently considering RoHS. Yet the most significant statement we can make when it comes to the environment and the effects of audio/video components, is that ADA components are built to last for decades and decades to come.

FOUNDING
CEDIA
MEMBER

ADA-30 additionally speaks to our industry and the importance of supporting the trades that ensure our systems are properly designed, installed and maintained. We are founding members of CEDIA, the Custom Electronics Design and Installation Association and active participants in both CEDIA and the CEA (Consumer Electronics Association). Albert G. Langella is the first-ever recipient of the CEDIA's highest honor, the Lifetime Achievement Award. Richard D. Stoerger, ADA's Vice President & COO is CEDIA's Manufacturer Volunteer of the Year. They recognize that success and community go hand in hand.

Finally, ADA-30 represents ADA's inherent philosophy, which melds the importance we place on value, quality, environment, and integrity. It embodies who we are and how we treat our business partners and customers. Call us "old-fashioned" but at ADA our word is our bond. That is why we are the "brand of excellence" in custom installed electronics.

Join us as we celebrate ADA-30. We know that you will enjoy your ADA system for decades to come. And we'll stand behind it. Thank you for choosing ADA.

I often look back and think about the many things that have changed over the past three decades. In 1977, consumer digital technology didn't even exist. We all lived in an analog world.

Today, even our multi-room systems are bound by the physics of digital bits. But happily, not everything has had to change. Product value still guides our every design and manufacturing excellence is still our primary goal. Incorporating the most advanced technology is what we do. Building quality, hi-fidelity components that last a lifetime has been, and will continue to be, our highest priority.

Albert G. Langella
Founder, President, CEO,
& ADA's Chief Design Engineer

Home ESP:

Entertainment Surveillance & Paging

When we began designing our latest advancement in multi-room technology, our engineers did not limit themselves to just thinking about how the system distributes music. Incorporated into their design are unique elements such as advanced video distribution that permits both sound and images to be routed to any room. Once the video switching circuitry was developed, the team engineered a sophisticated surveillance monitoring system, permitting closed-circuit video cameras to be integrated into the home. To facilitate inter-home communication using the same speakers that play music, we also added advanced paging features. The culmination of these efforts has resulted in “Home Entertainment, Surveillance, & Paging” (Home ESP) and it is exclusive to ADA’s Suite 16 System.

Not only does the Suite 16 perform superbly as an audio entertainment system (see page 8), it also switches your accompanying video signals with simple one-touch operation. This means that when you select your DVD player, not only will the room speakers begin playing the sounds of the DVD, the TV will also show the image, all with one button press.

Suite 16 can also be used to route images from surveillance cameras stationed in and around your home. These images can be displayed on TV sets, ADA’s TS-5000 Touch Screen and other video capable touchscreens. This makes checking who’s at the door or looking in on the children as easy as touching a button. Suite 16 even has the ability to automatically interrupt your program if someone is ringing your doorbell or if a security sensor is activated. This surveillance feature can also sequence through multiple cameras.

The paging feature of Suite 16 was specifically designed to avoid problems that can occur when using high-end audio speakers for paging. Suite 16 includes a built-in compressor/limiter to stop audio peaks that occur during a page, which could cause speaker damage. The Suite 16 paging input can connect to telephone systems that feature paging or something as simple as a doorbell chime. Suite 16 even permits room-to-room paging.

Suite 16 derives its name from the suite of electronic cards that are combined based on system size and complexity. A Suite 16 has the ability to have sixteen audio components connected to it while providing sixteen zones of preamplification. Expandable in increments of sixteen zones, a Suite 16 system can incorporate up to ninety-six zones of audio.

Suite 16

The main building-block of Suite 16 is the AVP-16 chassis which can house up to three card modules. The audio outputs of your source components are connected to the A-16 Audio Input Module. The P-16 Modules accept audio signals from the A-16 then provide switching and preamplification for sixteen zones/rooms. The V-16 Video Switching Modules are also mounted into the AVP-16 chassis and route video signals to video display devices (TVs, projectors, keypads). For larger homes, several AVP-16 chassis can be connected together.

Several V-16 Modules can be housed in one or two AVP-16 chassis to distribute S-Video, Component Video and even HDTV video throughout your entire home.

Suite 16 is typically incorporated in projects that are either new construction or home remodeling. Since it can be controlled by most any keypad or touch-screen, Suite 16 is an ideal system for those who wish to upgrade or replace their existing multi-room system.

Music Controls

Simplicity is the secret when it comes to ADA Music Controls. All the buttons you need to control the system are right in front of you. Not remote controls....Music Controls.

One button operation permits you to select the component you want to listen to by simply pressing the corresponding source button on the Music Control. The rest is magic.

MC-4500
Music Control w/Direct Access Buttons that can be set to green, orange or red.

TS-5000
Color Touch Screen w/Live Video Option

ADA's Music Controls provide text information from iPods, music servers, as well as XM, Sirius, and HD radio that make it easy to pick and choose your music. They also provide access to advanced features like Alarm Clock and Sleep Timer that turn your ADA system into a modern-day radio/alarm clock. When entertaining, the Party function gets the house rocking from one location and Keypad Lock prevents miss use. Music Controls also allow you to adjust bass, treble and midrange tone levels. The TS-5000 even lets you control other rooms and display's live video.

MC-7000
Music Control w/Graphic 5-Line Display

MC-6111 Music Control
Single-Gang Decora
With 2-Line Display

MC-7011 Music Control
Single-Gang Metal Plat
With Verticle Display &
Speaker Relay

ADA provides several different Music Controls in various styles and colors designed to blend into any room decor.

The MC-6111 & MC-7011 (left) provide most of the same features found on the MC-7000 in a smaller footprint. The MC-6111 features two lines of text indicating the component you are listening to and the station or song. The MC-7011 features one line of feedback in a unique verticle display. The MC-7011 also incorporates a speaker relay that allows several rooms on the same zone, each with a MC-7011, to turn on and off independently. These rooms share the same volume level. The MC-7011 also features a metal wall plate that can be custom painted.

The MC-5511 (below) is popular for its simplicity and fits a Decora wall plate.

MC-5111 Music Control
Single-Gang Decora

MC-6011 OD
All-Weather Outdoor Music Control

For use outdoors, ADA provides the MC-6011OD, MC-3000OD and MC-3800OD (not shown, with numeric buttons) All-Weather Outdoor keypads. These controls are designed to be permanently mounted outside, year round... through autumn's winds, winter's cold, spring's showers, and summer's heat.

MC-3000 OD
All-Weather Outdoor Music Control

Suite Sound

Whether you prefer jazz, classical, rock & roll, or dance, the most important element is your entertainment system's sound quality. While selection of speakers and their placement have an effect on the sound you experience, the electronics you choose play an even greater role. Why settle for "good enough" sound quality when you can have ADA.

ADA's revolutionary Suite systems deliver uncompromising clarity and presence. Their preamplifier stages are designed for sonic accuracy with adjustments for volume, bass, midrange, and treble. With ADA Suite systems, all rooms can be individually equalized to suit your taste. And because not all interior and exterior room layouts permit ideal speaker placement, ADA's Suite systems offer balance compensation control.

ADA's Suite systems have advanced internal filtering that enhances stereo imaging and adds bass detail even at low listening levels. When speakers are positioned too close together, the sonic image collapses. ADA's proprietary stereo enhancement filter opens the sound stage, restoring spatial perception. Deep-bass is typically only attainable when the system is playing loud. Unfortunately, at higher listening levels it's difficult to carry on a conversation. ADA's Suite systems compensate the bass frequencies when listening at background levels. The sounds remain rich and warm while allowing you to engage in conversation. These filters make all the difference especially if you don't like your music too loud.

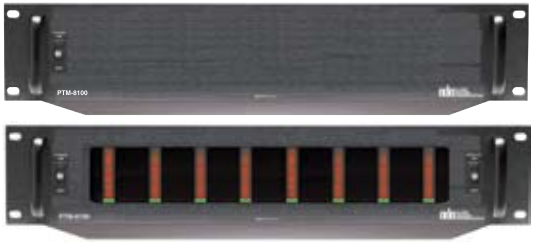
Protecting your system's speakers is also a critical aspect of all Suite system's design. Each room can be limited to a maximum volume level. This feature prevents you or someone else from accidentally reaching a volume point that could cause distortion and possibly damage your speakers.

Amplifiers that make all the difference

ADA provides several multichannel power amplifiers for Suite 16 and Suite 8x8 systems. From medium power to ultra-high power, all ADA multi-room amplifiers employ high-current power supplies and output stages, custom aluminum heat-sinks, and low-noise fan cooling. The combination of these superior elements create an amplifier that sounds better and will deliver years of faithful service. ADA power amplifiers are specifically designed for stringent custom installation applications and can typically drive as many as four eight ohm speakers per channel. The PF-202 is stable and can drive 16 speakers per channel.

PTM-1645 - 8 Zone Amplifier
Sixteen Channel Power Amp.
60 W/Ch @ 8 Ω, 85 W/Ch @ 4 Ω
Stable to 2 Ω/Ch

PTM-850 - 4 Zone Amplifier
Eight Channel Power Amp.
50 W/Ch @ 8 Ω, 75 W/Ch @ 4 Ω
Stable to 4 Ω/Ch



PTM-8100 Audiophile Quality Four Zone Amplifier
Eight Channel Power Amp.
75 W/Ch @ 8 Ω, 135 W/Ch @ 4 Ω
Stable to 2.5 Ω/Ch

PTM-1260 High-Power Amplifier
Twelve Channel Power Amp.
Bridgeable down to 10, 8 or 6 Ch.
75 W/Ch @ 8 Ω, 135 W/Ch @ 4 Ω
Stable to 2 Ω/Ch

PF-202 Low Impedence Amplifier
Twelve Channel Power Amp.
60 W/Ch @ 8 Ω, 240 W/Ch @ 1/2 Ω
Stable to 1/2 Ω/Ch

Suite 8x8

Suite 8x8 was specifically designed to permit those ready to buy a multi-room receiver, to upgrade to an ADA quality distributed audio system. Using the same family of keypads and accessories as Suite 16, Suite 8x8 will provide a lifetime of entertainment pleasure.

Suite Surprises

Suite 8x8 is ideal for those who require distributed audio to only eight zones or areas. When combined with the PTM-1645 eight zone power amplifier, a Suite 8x8 system delivers the same sound quality and functionality of Suite 16, but at a price that agrees with most any budget.

Suite 8x8 integrates with ADA keypads as well as touch-screen control systems. And just like Suite 16, you can add a Tune Suite FM/AM/WB & XM Radio Tuner, CD Library Server, and Phone Suite Telephone Paging/Control Interface for an advanced multi-room system that is extremely affordable.

Suite 8x8
8 Stereo Audio Inputs
8 Zones (Independent) Stereo Outputs
Paging Audio Input & Paging Trigger Input
Front Panel Display & Controller (Optional)

PTM-1645
8 Zone/16 Channel Power Amplifier
45 W/Ch @ 8Ω, 75 W/Ch @ 4Ω, Stable to 2 Ω

Phone Suite

Phone Suite
Telephone Paging &
System Control Interface

If you constantly find yourself on the telephone, then you will want to include the Phone Suite with your Suite 16 or Suite 8x8 whole-house system. Phone Suite permits room-to-room paging as well as room group paging, where your installation professional will assign several rooms to a specific group number. When calling the children to dinner, simply page all bedrooms, playrooms, and outdoor areas at one time.

Phone Suite also turns your telephone into a music control. When in this mode, you can select sources, adjust volume, and even turn off a room or the entire system.

The Separate's Advantage

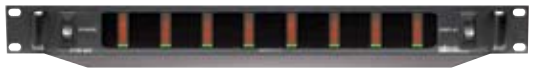
ADA embarked on a project to deliver the sound quality of its flagship Cinema Series home theater controller in a smaller, more affordable package. The end result of this undertaking is the Suite 7.1, a single rack-space surround sound controller that mates perfectly with the Suite 16 system.

Combining the Suite 7.1 with ADA's PTM-850 or PTM-8100, you now have the option of a premium sounding ADA home theater system instead of a cumbersome A/V receiver. Suite 7.1 can even be located in the central equipment rack instead of the room it serves. This gives you the sound quality of an ADA home theater for the price of an A/V receiver.

Suite 7.1 features an impressive array of switching options that are ideal for smaller theater environments including master bedrooms, playrooms, family rooms, and sitting areas. Suite 7.1 is also intended to provide concert hall surround sound music for rooms without a video display. These include the formal dining room, living room, kitchen, master bath, and pool area.

Suite 7.1

Suite 7.1
4 Analog Stereo Inputs
4 Digital Audio Inputs (2 Coax, 2 TOS-Link)
7.1 Channel Analog DVD Audio Input
4 Composite Video Inputs
4 S-Video Inputs
2 Component Video Inputs
Dolby Digital EX, DTS ES, Pro Logic II
DTS Neo6, & THX Ultra II Modes



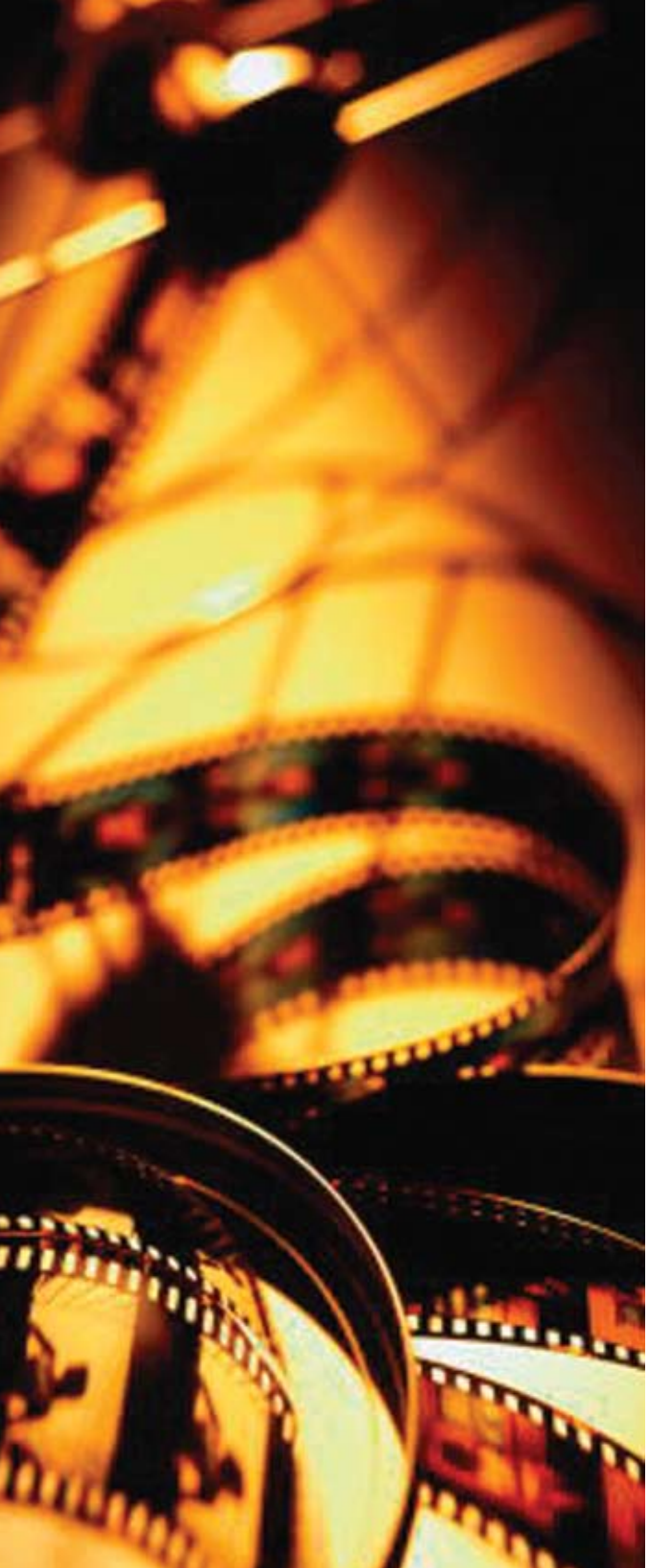
PTM-850 with LED Display
Eight Channel Power Amplifier 85 W/Ch @ 4 Ω

PTM-8100 with LED display
Eight Channel Power Amplifier 135 W/Ch @ 4 Ω

When a Suite 7.1 is used in any room that has a standard TV, plasma TV or video projector, that room becomes the ultimate home theater.

HOUSE-WIDE 7.1
MULTI-CHANNEL

ADA's "House-Wide Multi-Channel" music systems bring the future of music playback to you today. When a Suite 7.1 is added to a room that has no video display, that room becomes a world-class concert hall. Music will sound spectacular, enveloping you and dazzling your guests. You will never want to listen to plain-old stereo again.



Cinema Mach III Features

7" Color LCD Preview Video Monitor (Cin. Ref. Only)
Dual-Line LCD Status Display, Channel & Mode Lamps
Intuitive Control Knobs For Easy Operation
THX Ultra2, Dolby EX, DTS ES, Pro Logic IIx Modes
Favorite Mode Feature
Double-Default Mode Auto-Detection
Dual Bass Management Systems (Analog & Digital)
4 Balance Presets (Sweet Spot Presets)
4 Speaker Configuration Presets (Sound Stages)
4 Tone Presets (Acoustical Correction)

ADA's Cinema Reference Mach III and Cinema Rhapsody Mach III feature ADA's "double-default mode auto-detection," which ensures that whatever you are watching or listening to is decoded using the optimum surround sound mode, each and every time. They are also extremely easy to operate as all you need to do is select an input. Five control knobs permit you to select a component to watch or record, change modes, recall presets and master volume. They are also designed to integrate with any type of touch-screen control system.

Home Theater

Both controllers feature dual bass management systems that make it possible to incorporate "large" full-range speakers while still providing the subwoofer with bass information from all channels. Four speaker presets change speaker configurations and cross-over settings on the fly making these controllers the only choice for theater & stereo enthusiasts.

The Cinema Mach III Controllers are specifically designed for High Definition video and feature eight component/HDTV video inputs. They also incorporate two HDTV outputs that can send the same selected video signal to both a projector and flat-panel display.

For setup, control and integration, the Cinema Mach III's feature an Ethernet port (100/10) which permits it to be connected directly to a home network.

Cinema Mach III Connectivity

8 Analog Inputs & 8 Digital Inputs (5 Coax, 3 TOS-Link)
6 Channel Analog DVD Audio or SACD Bypass Input
8 Composite Video & 8 S-Video Inputs
8 Component Video Inputs
HDMI Switching (3 x 1) Optional using HDMI-1 Cube
7.1 Channel Audio Output (Main Zone)
7.1 Channel Balanced Audio Output (Cin. Ref. Only)
7.1 Channel Digital Audio Output (Cin. Ref. Option)
Coaxial Digital Audio Output (Main Zone)
Dual Composite & S-Video Outputs (Main Zone)
Dual Component Video Outputs (Main Zone)
Analog Audio Record Output (2nd Zone)
Composite Video Record Output (2nd Zone)
Dual Low-Voltage Trigger Outputs
Switched 10 Ampere AC Outlet
Ethernet (T10-100) & ADA Bus Data Port

Power

While the surround sound controller is the brain of a home theater system, the power amplifier is the heart. Its job is to amplify the decoded audio signal to a level that can effortlessly drive your speakers.

The engineers at ADA are experts in home theater amplifier design . ADA was the first manufacturer to offer a multichannel amplifier back in 1989. In 1992, ADA was among the first to introduce a THX home theater power amplifier. Our MPA-502 is still the most powerful THX certified multichannel amplifier with nearly 2.5 Kilowatts of power. Over the years, ADA home theater amplifiers have garnered rave reviews. We have won numerous awards and side-by-side amplifier shootouts.

ADA home theater amplifiers operate in high-current Class A-A/B mode. This means they can drive the most demanding audiophile speakers, even those that would require large floor-standing mono-block amplifiers. Instead of several smaller power supplies, ADA amplifiers use one massive power supply so that the speakers that demand more power have access to it. To protect your investment, all ADA power amplifiers incorporate large aluminum heat-sinks and low-noise fan cooling. Because of this, ADA amplifiers can be rack mounted with the other system components.

Since room sizes and speaker selection may vary, ADA offers several amplifier options that are specifically designed to maximize your home theater experience.

PTM-6150 (5.1 or 6.1 Surround Sound)
Six Channel Power Amplifier 250 W/Ch @ 4 Ω

PTM-8150 (7.1 Surround Sound)
Eight Channel Power Amplifier 250 W/Ch @ 4 Ω

MPA-502 (5.1 Surround Sound)
Five Channel Power Amplifier 450 W/Ch @ 4 Ω
Balanced and Unbalanced Audio Inputs

PF-2502 (7.1 Surround Sound w/MPA-502)
Two Channel Power Amplifier 450 W/Ch @ 4 Ω
Balanced and Unbalanced Audio Inputs

ADA coined the term “media room’” to describe viewing rooms with large-screen video and multi-channel speaker arrays. Today, we simply call these rooms “home theaters.”

The iBase and iBase eXtender enable iPods to play through your ADA system with complete control and text information to all ADA keypads that feature a display. Operation from a keypad is identical to that of the iPods touch-wheel. Up to 8 iBases can be connected to an ADA system so that everyone can plug in their own iPod.

iBase

Once you insert your iPod onto the iBase, the ADA system automatically docks to it. From here, you can navigate your iPod by genre, artist, album, song and playlist. The iBase features a button that toggles it between remote control and local control (touch-wheel).

The iHome Multi-Center and iBase are part of ADA's new Home Suite product group. Home Suite is a suite of lifestyle components that enhance your multi-room entertainment experience.

iHome Multi-Center

The iHome Multi-Center is much more than just a storage device for CDs and downloaded music. It is several products in one; an iTunes two-zone music server, a Microsoft Media Center PC, and an IP control system.

As a music server, the iHome features two audio zones (both are analog and digital) that operate on Apple's popular iTunes software. Music is stored on two 400 Gig hard-drives operating on a Raid 1 backup, preserving your music library. When connected to a home network, XP based PCs throughout the home can run ADA's Syncer application that automatically moves music and meta data to the iHome. Alternately, users can rip and burn CDs directly from the iHome's front panel DVD ROM. Even iPods can be loaded from the iHome's front panel USB port. You can navigate your music library with the same ease of iTunes from ADA keypads, touch screens as well as any web browser running Flash.

Home Suite

iHome Multi-Center
400 Gig Raid 1 Dualing Hard Drives
2 iTune Zones & 1 Media Center Output
& Convelux IP Control System

The iHome features a third output that can connect directly to your home theater system. It has a digital SPDIF audio output that can deliver 5.1 channels of surround sound and a DVI video output that can provide HDTV quality video images. The iHome includes Microsoft's Media Center, a great program that lets you store and play music, videos, pictures and much more. Alternately, you can connect the iHome to a monitor, keyboard and mouse so that you can browse or purchase music from iTunes as well as create playlists directly in iTunes.

Touch-screen like control is built into the iHome using Convelux System's proprietary IP based control system. From any web tablet, PC or PDA device that runs Flash, you can control your ADA system, surf XM or Sirius genres (requires appropriate ADA tuners), navigate your iPod (requires iBase), and search the iHome's music library by artist, album, song, playlist or genre. No other music server offers all these amazing features.

Tune Suite and Duo Tuners are more than just radios. They are whole-house broadcast receivers; modular in design, upgradeable, and complete with antenna systems (essential for in-home reception). The Tune Suite's Quadritune chassis can house up to four tuner modules and the Duo Tuner up to two, permitting simultaneous play of up to four (or two) different radio broadcasts. ADA tuners allow everyone in your home to listen to their favorite station in different rooms, all at the same time.

Four types of tuner modules are available. The FM, AM, and WX (weather band) module features 30 presets which are customized to your listening tastes. You can easily switch bands, selecting AM talk radio, FM stereo music and even instant weather reports.

HD Radio®

ADA is the first to offer a high definition digital radio tuners for use in a multi-room entertainment system. The HD Radio module receives both standard AM and FM broadcasts as well as those stations transmitting HD programming. With HD Radio, AM sounds like FM and FM sounds like CD. In addition to remarkable sound, HD Radio stations provide album, artist and song information that is displayed on keypads and touch-screens. HD Radio also features multi-casting - multiple broadcasts on a single station. ADA makes it easy to identify stations that are multi-casting, letting you select between programs.

Tune Suite • Quadritune 4-Slot Tuner
Up to 4 Tuner Modules Capable of Simultaneous Play
FM/AM/WB (Weather Band), HD Radio,
XM Radio, & Sirius Radio Modules
Antenna Accessories for AM, FM, XM, & Sirius

(((XM)))™

XM Satellite Radio or Sirius Satellite Radio modules are also available for Tune Suite. These subscription-based services digitally broadcasts over 100 different channels conveniently grouped into different categories. With XM and Sirius original programming, from classical to rock, jazz to news and sports, there is always something to fit your mood.

SIRIUS

Navigating XM or Sirius Radio is easy as ADA keypads permit you to scroll through all their genres. Once a desired genre is selected, one can scroll through just the stations in that genre. After a moment, the desired station will engage automatically while the keypads display the artist name and song title.

Duo Tuner • 2-Slot Tuner
Two Tuner Modules Capable of Simultaneous Play
FM/AM/WB (Weather Band), HD Radio,
XM Radio, & Sirius Radio Modules

Tune Suite

ADA keypads integrate with the Tune Suite, the iBase, and the iHome Multi-Center, enabling an intuitive and interactive control experience. Instead of skipping radio presets blindly, you surf XM or Sirius, with text feedback of the genre, artist and song.

The MC-6111, MC-4500 & MC-7000 Keypads feature a display and navigation buttons for greater control of your satellite radio tuner and CD library player.

The "Mode" feature enables user access of alarm clock and sleep timer functions, party function, room scan, and keypad lock in addition to tone control.

Like satellite radio, the iHome Multi-Center provides detailed information about your music. Rapture keypads that feature a display give you the flexibility to search by playlist, artist, album, & genre.

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